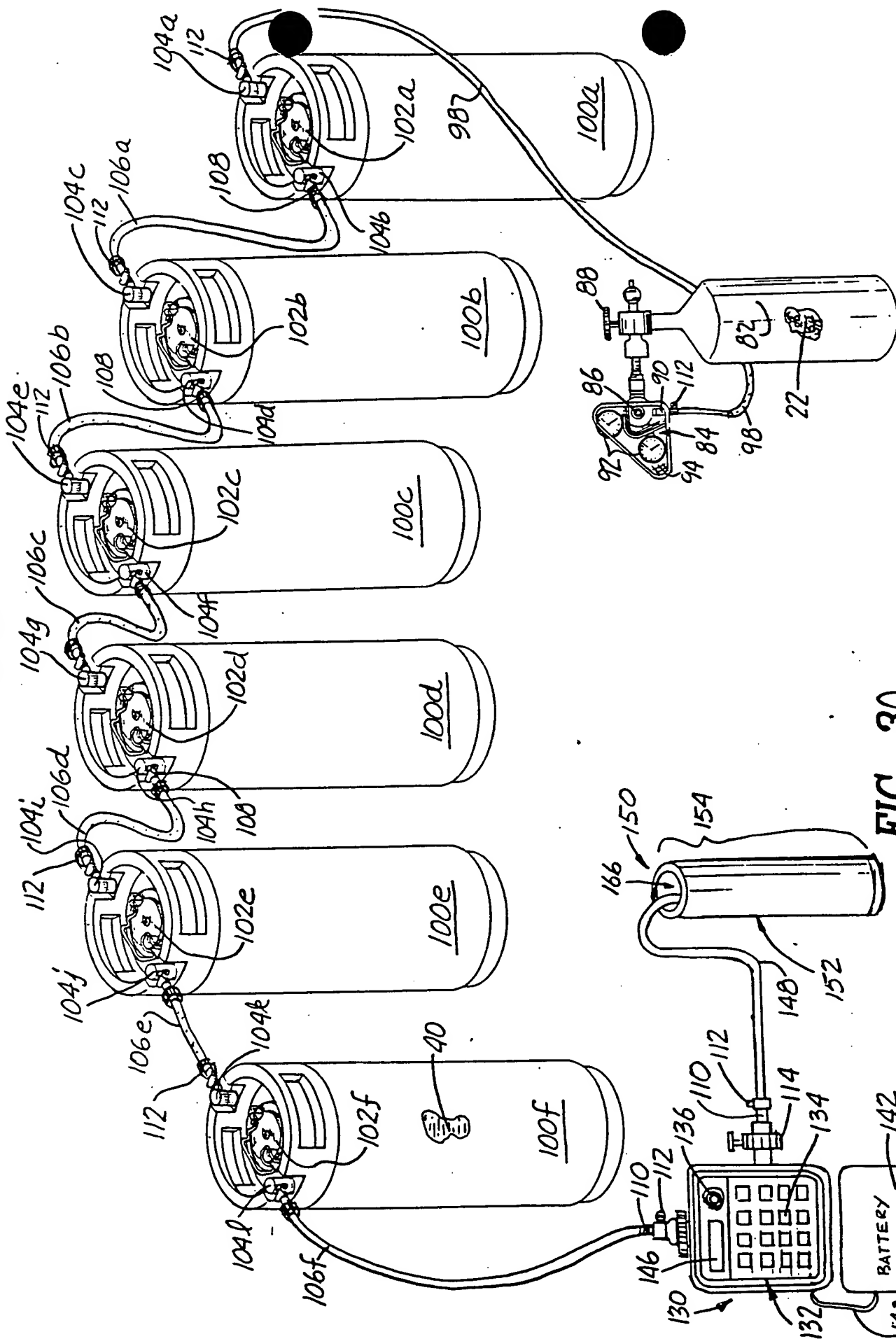


FIG. 2



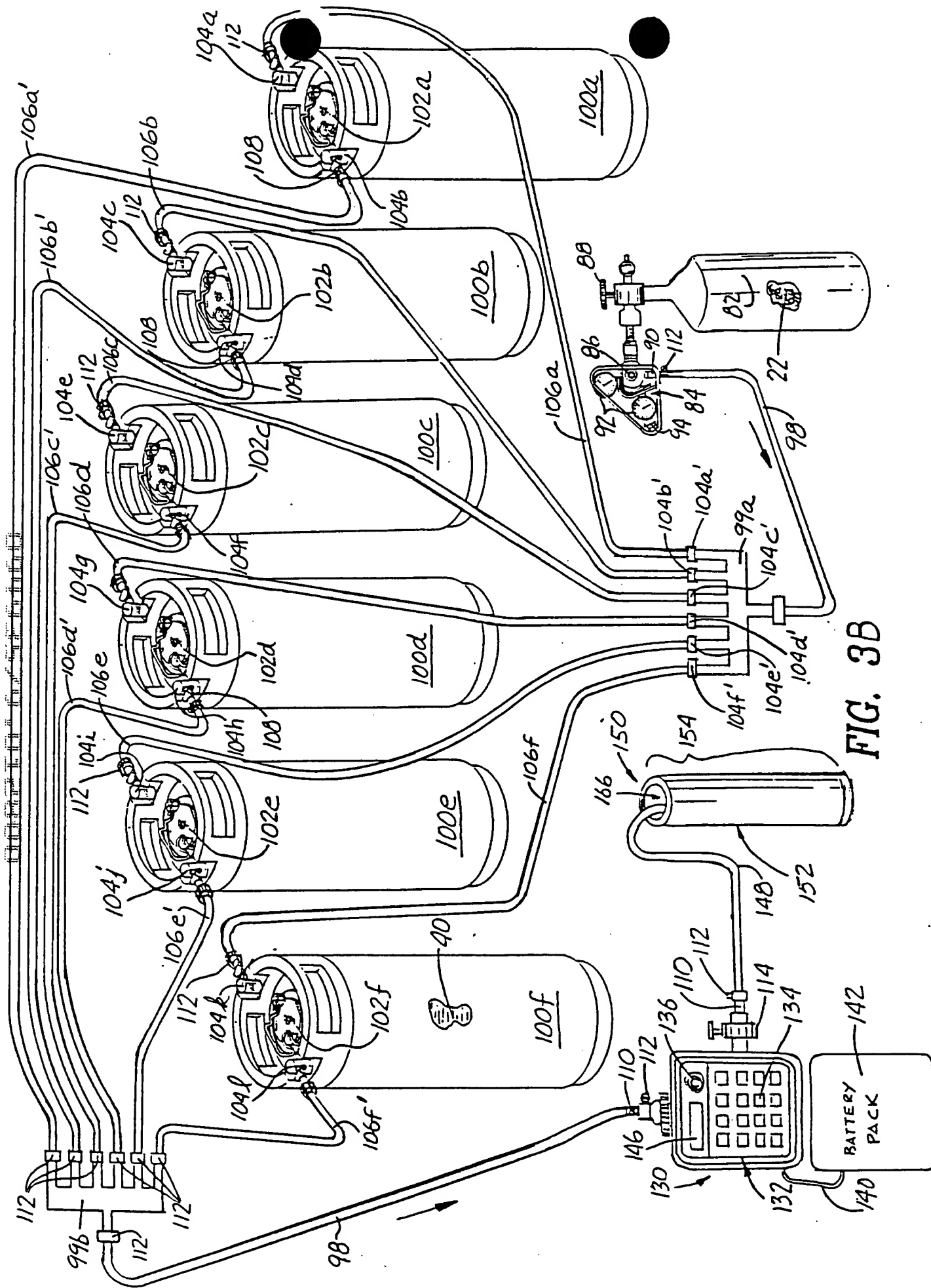


FIG. 3B

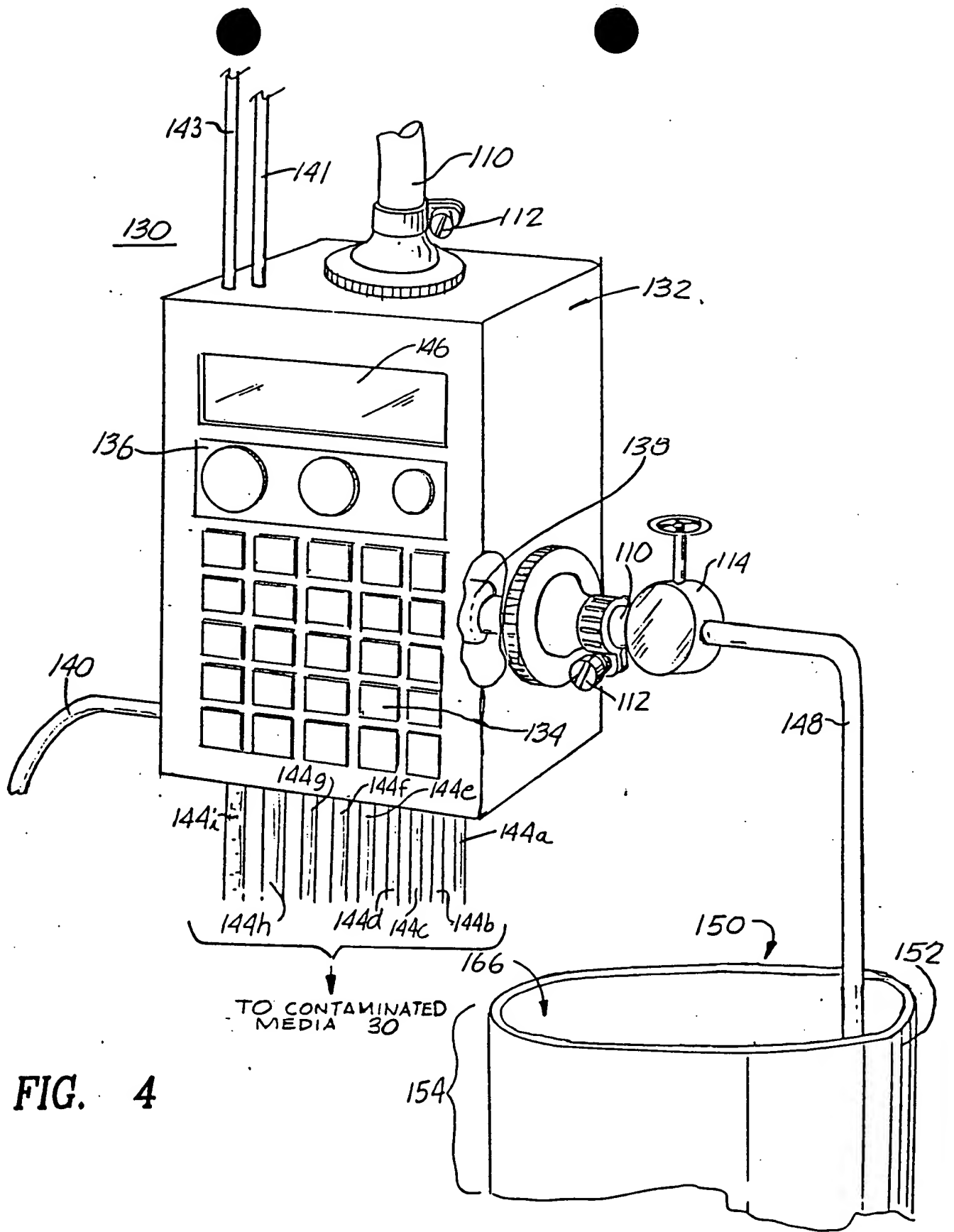


FIG. 5

FIG. 6

FIG. 6

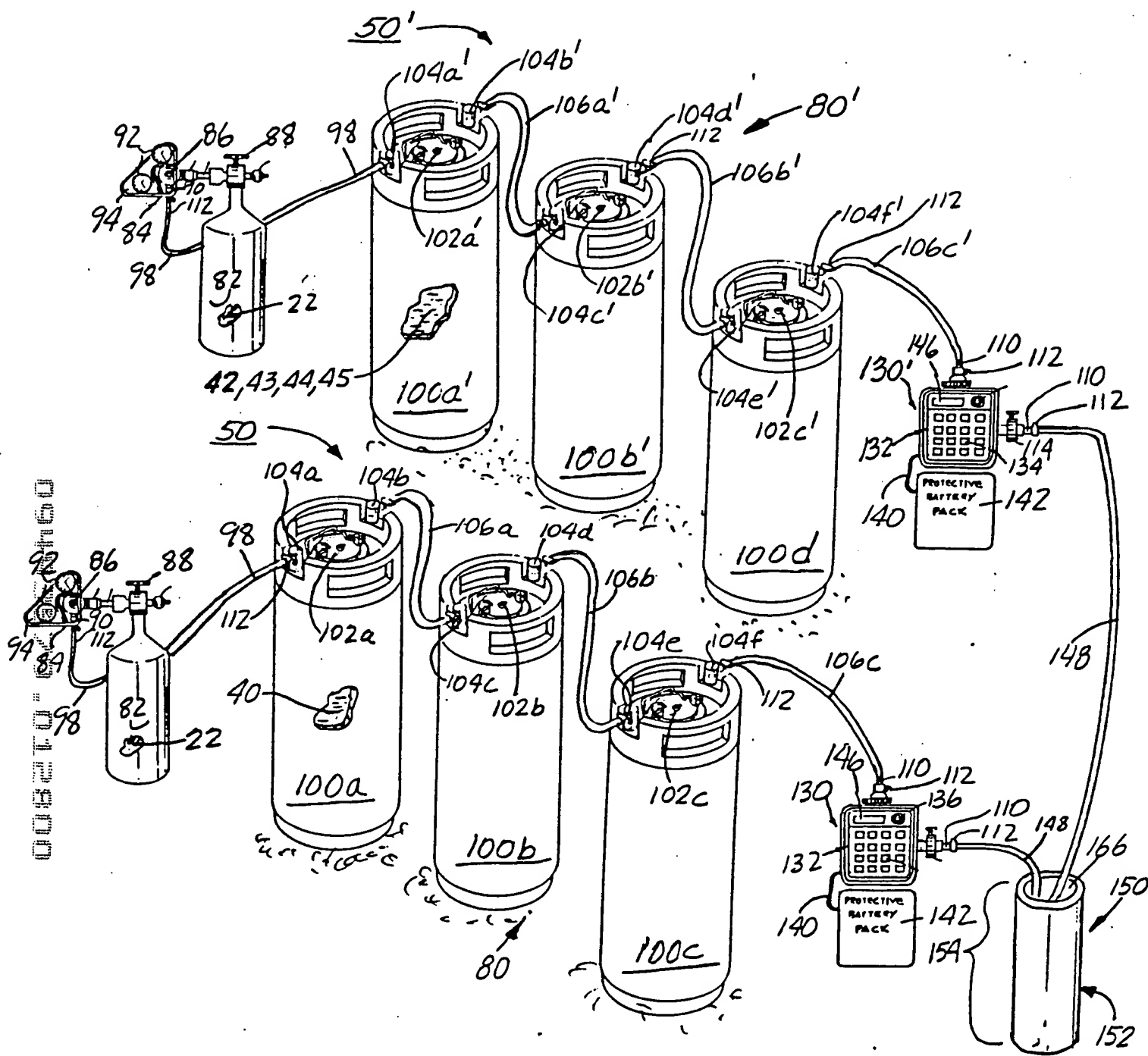


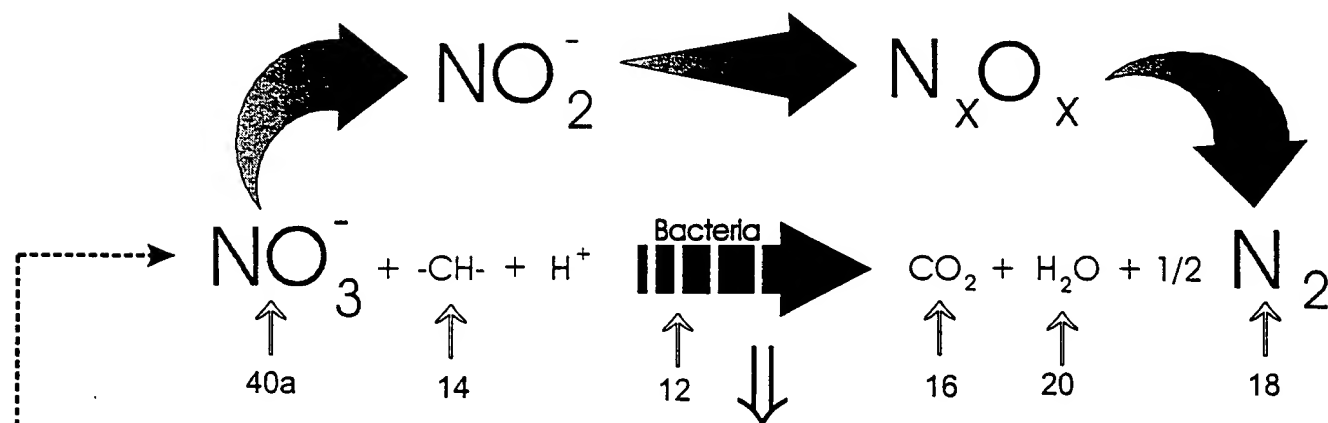
FIG. 7

FIG. 8

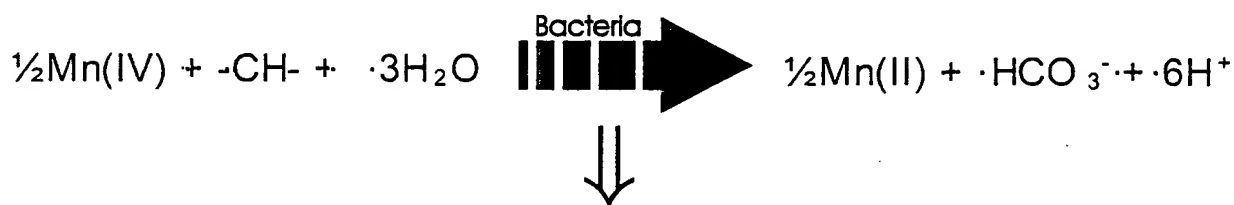
FIG. 9

10

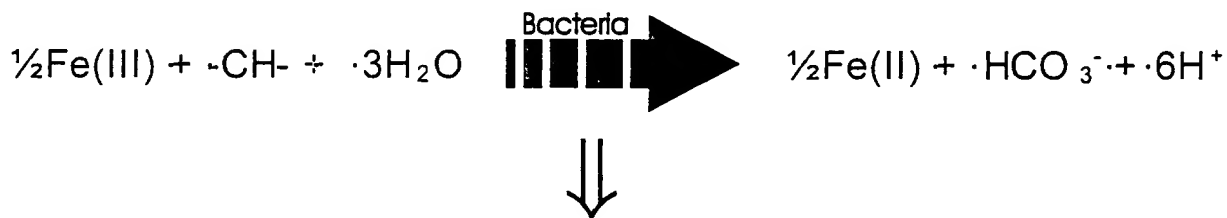
Denitrification



Manganese(IV) Reduction



Iron(III) Reduction



Sulfate Reduction

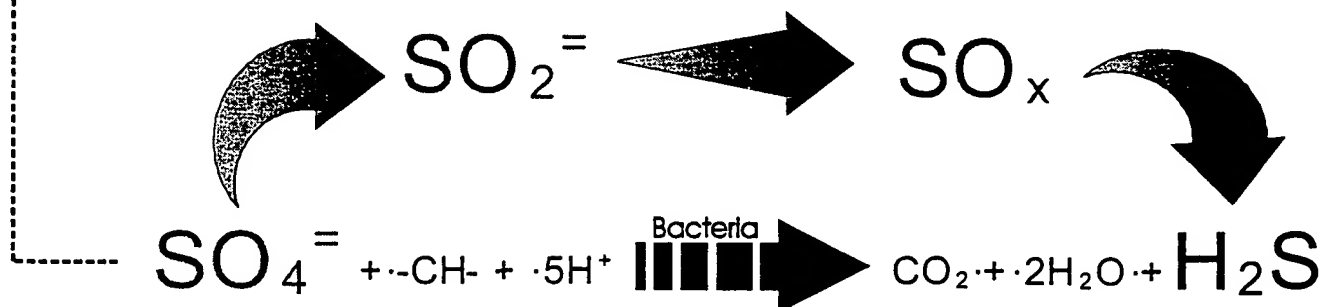


FIG. 10

Example of ABS Redox Cycling: Typical Daily Cycle

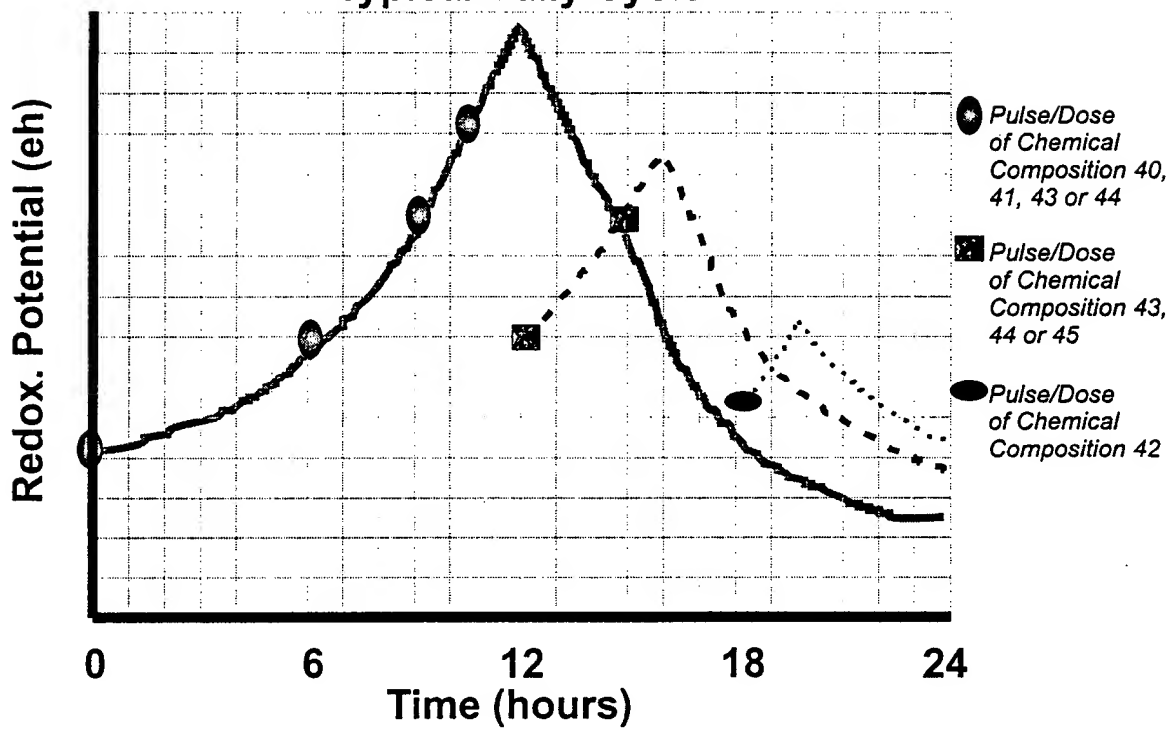


FIG. 11